

## PATENT ABSTRACTS OF JAPAN

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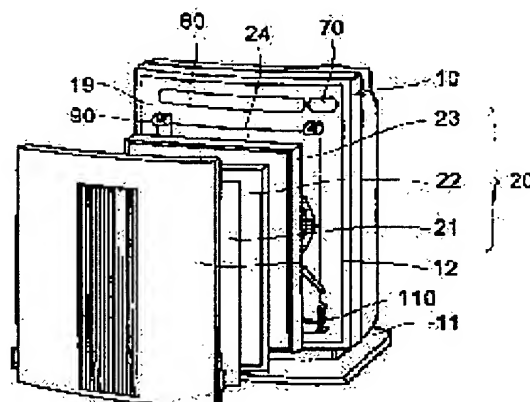
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## (54) AIR CLEANER

## (57)Abstract:

PROBLEM TO BE SOLVED: To provide an air cleaner having a fan for circulating room air, and additionally an ion generating apparatus simultaneously generating positive ions and negative ions effective for sanitization, in which a filter is effectively combined to make the filter sufficiently exert the ability and cleaning or exchange of the filter is easy.

SOLUTION: After dust is removed by a filter unit 20 from the room air circulated by the fan 30, part of the room air is supplied to the ion generating apparatus 40. The positive and negative ions generated from the ion generating apparatus 40 generates hydrogen peroxide and/or a hydroxide radical and removes germs suspended in the air. A filter housing portion 24 is disposed in the front and middle of an air cleaner body 10. A front panel 12 larger than the filter housing portion 24 is mounted in front of the filter housing portion 24 at a fixed distance apart from the body 10.



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